

RESULT 1
ID O15508 PRELIMINARY; PRT; 411 AA.
AC O15508;
DT 01-JAN-1998 (TREMBLREL. 05, CREATED)
DT 01-JAN-1998 (TREMBLREL. 05, LAST SEQUENCE UPDATE)
DT 01-JUN-1998 (TREMBLREL. 06, LAST ANNOTATION UPDATE)
DE P53-REGULATED DNA DAMAGE-INDUCIBLE CELL DEATH RECEPTOR.
GN KILLER OR DR5.
OS HOMO SAPIENS (HUMAN).
OC EUKARYOTA; METAZOA; CHORDATA; VERTEBRATA; TETRAPODA; MAMMALIA;
OC EUTHERIA; PRIMATES.
RN [1]
RP SEQUENCE FROM N.A.
RC TISSUE=OVARIAN;
RA WU G.S., EL-DEIRY W.S.;
RL NAT. GENET. 16:0-0(1997). **od.**
RN [2]
RP SEQUENCE FROM N.A.
RX MEDLINE; 97390508.
RA PAN G., NI J., WEI Y.F., YU G., GENTZ R., DIXIT V.M.;
RL SCIENCE 277:815-818(1997).
DR EMBL; AF022386; G2460428; -.
DR EMBL; AF012628; G2338429; -.
DR PFAM; PF00020; TNFR_c6.
SQ SEQUENCE 411 AA; 45083 MW; 09B03B74 CRC32;

Query Match 100.0%; Score 2972; DB 4; Length 411;
Best Local Similarity 100.0%; Pred. No. 0.00e+00;
Matches 411; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1 MEQRGQNAPAASGARKRHGPGRPREARGARPGPRVPKTLVLVVAAVLLLVS AESALITQQD 60
||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 1 MEQRGQNAPAASGARKRHGPGRPREARGARPGPRVPKTLVLVVAAVLLLVS AESALITQQD 60
Db 61 LAPQQRAAPQQKRSSPSEGCPGHHISEDGRDCISCKYQDYSTHWNDLLFCRTRCD 120
||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 61 LAPQQRAAPQQKRSSPSEGCPGHHISEDGRDCISCKYQDYSTHWNDLLFCRTRCD 120
Db 121 SGEVELSPCTTRNTVCQCEEGTFREEDSPEMCRKCRTGCPGMVKVGDCTPWSDIECVH 180
||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 121 SGEVELSPCTTRNTVCQCEEGTFREEDSPEMCRKCRTGCPGMVKVGDCTPWSDIECVH 180
Db 181 KESGIIIGVTAAVVLIVAVFVCKSLLWKKVLPYLKGICSGGGDPERVDRSSQRPGAED 240
||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 181 KESGIIIGVTAAVVLIVAVFVCKSLLWKKVLPYLKGICSGGGDPERVDRSSQRPGAED 240
Db 241 NVLNEIVSILQOPTQVPEQEMEVQEPAEPTGVNMLSPGESEHLLEPAEAERSQRRLLVPA 300
||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 241 NVLNEIVSILQOPTQVPEQEMEVQEPAEPTGVNMLSPGESEHLLEPAEAERSQRRLLVPA 300
Db 301 NEGDPTETLRQCFDDFADLVPFDWEPLMRKLGLMDNEIKVAKAEAAGHRDTLYTMLIKW 360
||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 301 NEGDPTETLRQCFDDFADLVPFDWEPLMRKLGLMDNEIKVAKAEAAGHRDTLYTMLIKW 360
Db 361 VNKTGRDASVHTLLDAETLGERLAKQKIEDHLLSSGKFMYLEGNADSAMS 411
||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 361 VNKTGRDASVHTLLDAETLGERLAKQKIEDHLLSSGKFMYLEGNADSAMS 411

L3 ANSWER 4 OF 8 MEDLINE
AN 97467719 MEDLINE
DN 97467719
TI KILLER/DR5 is a DNA damage-inducible p53-regulated death receptor gene [letter].
AU Wu G S; Burns T F; McDonald E R 3rd; Jiang W; Meng R;
Krantz I D; Kao G; Gan D D; Zhou J Y; Muschel R; Hamilton S R;
Spinner N B; Markowitz S; Wu G; el-Deiry W S
SO NATURE GENETICS, (1997 Oct) 17 (2) 141-3.
Journal code: BRO. ISSN: 1061-4036.
CY United States
DT Letter
LA English
FS Priority Journals
EM 199801
EW 19980104

RESULT 2
ID O15517 PRELIMINARY; PRT; 411 AA.
AC O15517;
DT 01-JAN-1998 (TREMBLREL. 05, CREATED)
DT 01-JAN-1998 (TREMBLREL. 05, LAST SEQUENCE UPDATE)
DT 01-JUN-1998 (TREMBLREL. 06, LAST ANNOTATION UPDATE)
DE CYTOTOXIC TRAIL RECEPTOR-2.
GN DR5 OR TRICK2A.
OS HOMO SAPIENS (HUMAN).
OC EUKARYOTA; METAZOA; CHORDATA; VERTEBRATA; TETRAPODA; MAMMALIA;
OC EUTHERIA; PRIMATES.
RN [1]
RP SEQUENCE FROM N.A.
RA MACFARLANE M., AHMAD M., SRINIVASULA S.M., FERNANDES-ALNEMRI T.,
RA COHEN G.M., ALNEMRI E.S.;
RL J. BIOL. CHEM. 0:0-0(1997). Oct. 10
RN [2]
RP SEQUENCE FROM N.A.
RA SCREATON G.R., MONGKOLSAPAYA J., XU X., COWPER A.E., MCMICHAEL A.J.,
RA BELL A.J.;
RL CURR. BIOL. 0:0-0(1997).
RN [3]
RP SEQUENCE FROM N.A.
RX MEDLINE; 98090092.
RA CHAUDHARY P.M., EBY M., JASMIN A., BOOKWALTER A., MURRAY J., HOOD L.;
RL IMMUNITY 7:821-830(1997).
RN [4]
RP SEQUENCE FROM N.A.
RA CHAUDHARY P.M., EBY M., JASMIN A., BOOKWALTER A., HOOD L.;
RL SUBMITTED (JUL-1997) TO EMBL/GENBANK/DDBJ DATA BANKS.
DR EMBL; AF020501; G2443818; -.
DR EMBL; AF018657; G2407651; -.
DR EMBL; AF016268; G2832230; -.
DR PFAM; PF00020; TNFR_c6.
SQ SEQUENCE 411 AA; 45127 MW; 579FB4AD CRC32;

Query Match 99.5%; Score 2956; DB 4; Length 411;
Best Local Similarity 99.5%; Pred. No. 0.00e+00;
Matches 409; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Db 1 MEQRGQNAPAASGARKRHGP GP REARGARPGPLRPVPTLVVAAVLLLVS AESALITQ QD 60
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 1 MEQRGQNAPAASGARKRHGP GP REARGARPGPRVPKTLVVA AVLLLVS AESALITQ QD 60
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 61 LAPQQRVAPQQKRSSPSEG LC PPGH HISEDGRDCISCKYQ QDY STHWNDLLFC LRCTRCD 120
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 61 LAPQQRAAPQQKRSSPSEG LC PPGH HISEDGRDCISCKYQ QDY STHWNDLLFC LRCTRCD 120
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 121 SGEVELSPCTT RNTVCQCEEGTFREEDSPEMCRKC RTGC PRGMVKG DCTPWS DIECVH 180
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 121 SGEVELSPCTT RNTVCQCEEGTFREEDSPEMCRKC RTGC PRGMVKG DCTPWS DIECVH 180
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 181 KESGIIIGVTVAAVLIVAVFVCKSLLWKKVLPYLKGICSGGGDPERVDRSSQRGAED 240
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 181 KESGIIIGVTVAAVLIVAVFVCKSLLWKKVLPYLKGICSGGGDPERVDRSSQRGAED 240
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 241 NVLNEIVSILQOPTQVPEQEMEVQEPAEP TGVNMLSPGESEHLLPEAEAERSQRRRLVPA 300
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Qy 241 NVLNEIVSILQOPTQVPEQEMEVQEPAEP TGVNMLSPGESEHLLPEAEAERSQRRRLVPA 300
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 301 NEGDPTETLRQCFDDFADLVPFD SWEPLMRKLGLMDNEIKVAKAEAAGHRDTLYTMLIKW 360

Qy ||||||| 301 NEGDPTETLRQCFDDFADLVPFDSWEPLMRKLGLMDNEIKVAKAEAAGHRDTLYTMLIKW 360
Db 361 VNKTGRDASVHTLLDAETLGERLAKQKIEDHLLSSGKFMYLEGNADSAMS 411
Qy 361 VNKTGRDASVHTLLDAETLGERLAKQKIEDHLLSSGKFMYLEGNADSAMS 411

L6 ANSWER 2 OF 2 MEDLINE
AN 97467318 MEDLINE
DN 97467318
TI Identification and molecular cloning of two novel receptors for the cytotoxic ligand TRAIL.
AU MacFarlane M; Ahmad M; Srinivasula S M;
Fernandes-Alnemri T; Cohen G M; Alnemri E S
CS Center for Apoptosis Research and the Department of Microbiology and Immunology, Kimmel Cancer Institute, Thomas Jefferson University, Philadelphia, Pennsylvania 19107, USA.
NC AG 13487 (NIA)
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1997 Oct 10) 272 (41) 25417-20.
Journal code: HIV. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals; Cancer Journals
OS GENBANK-AF020501; GENBANK-AF020502
EM 199801
EW 19980104

RESULT 3
 ID O14720 PRELIMINARY; PRT; 411 AA.
 AC O14720;
 DT 01-JAN-1998 (TREMBLREL. 05, CREATED)
 DT 01-JAN-1998 (TREMBLREL. 05, LAST SEQUENCE UPDATE)
 DT 01-JUN-1998 (TREMBLREL. 06, LAST ANNOTATION UPDATE)
 DE DEATH RECEPTOR 5.
 GN DR5.
 OS HOMO SAPIENS (HUMAN).
 OC EUKARYOTA; METAZOA; CHORDATA; VERTEBRATA; TETRAPODA; MAMMALIA;
 OC EUTHERIA; PRIMATES.
 RN [1]
 RP SEQUENCE FROM N.A.
 RX MEDLINE; 97390509.
 RA SHERIDAN J.P., MARSTERS S.A., PITTI R.M., GURNEY A., SKUBATCH M.,
 RA BALDWIN D., RAMAKRISHNAN L., GRAY C.L., BAKER K., WOOD W.I.,
 RA GODDARD A.D., GODOWSKI P., ASHKENAZI A.; AUG
 RL SCIENCE 277:818-821(1997).
 DR EMBL; AF012535; G2338420; -.
 DR PFAM; PF00020; TNFR_c6.
 SQ SEQUENCE 411 AA; 45081 MW; 89F2F042 CRC32;

Query Match 99.4%; Score 2953; DB 4; Length 411;
 Best Local Similarity 99.5%; Pred. No. 0.00e+00;
 Matches 409; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

| | | |
|----|---|-----|
| Db | 1 MEQRGQNAPAASGARKRHGPGPREARGARPGLRPKTLVLVVAAVLLLVSaesalitQQD | 60 |
| | | |
| Qy | 1 MEQRGQNAPAASGARKRHGPGPREARGARPGRVPKTLVLVVAAVLLLVSaesalitQQD | 60 |
| | | |
| Db | 61 LAPQQRAAPQQKRSSPSEGLCPPGHISEDGRDCISCKYQDYSTHWNDLLFCRLCTRCD | 120 |
| | | |
| Qy | 61 LAPQQRAAPQQKRSSPSEGLCPPGHISEDGRDCISCKYQDYSTHWNDLLFCRLCTRCD | 120 |
| | | |
| Db | 121 SGEVELSPCTTRNTVCQCEEGTFREEDSPEMCRKCRTGCPRGMVKGVDCTPWSDIECVH | 180 |
| | | |
| Qy | 121 SGEVELSPCTTRNTVCQCEEGTFREEDSPEMCRKCRTGCPRGMVKGVDCTPWSDIECVH | 180 |
| | | |
| Db | 181 KESGIIIGVTVAAVVLIVAVFVCKSLLWKKVLPYLKGICSGGGDPERVDRSSQRGAED | 240 |
| | | |
| Qy | 181 KESGIIIGVTVAAVVLIVAVFVCKSLLWKKVLPYLKGICSGGGDPERVDRSSQRGAED | 240 |
| | | |
| Db | 241 NVLNEIVSILQPTQVPEQEMEVQEPAEPTGVNMLS PGESEHLLPAEAERSQRRLLVPA | 300 |
| | | |
| Qy | 241 NVLNEIVSILQPTQVPEQEMEVQEPAEPTGVNMLS PGESEHLLPAEAERSQRRLLVPA | 300 |
| | | |
| Db | 301 NEGDPTELRCFDDFADLPFDSEPLMRKLGLMDNEIKVAKAEAAGHRDTLYTMLIKW | 360 |
| | | |
| Qy | 301 NEGDPTELRCFDDFADLPFDSEPLMRKLGLMDNEIKVAKAEAAGHRDTLYTMLIKW | 360 |
| | | |
| Db | 361 VNKTGRDASVHTLLDAETLGERLAKQKIEDHLLSSGKFMYLEGNADSALS | 411 |
| | | |
| Qy | 361 VNKTGRDASVHTLLDAETLGERLAKQKIEDHLLSSGKFMYLEGNADSAMS | 411 |

RESULT 4
ID O14763 PRELIMINARY; PRT; 440 AA.
AC O14763;
DT 01-JAN-1998 (TREMBLREL. 05, CREATED)
DT 01-JAN-1998 (TREMBLREL. 05, LAST SEQUENCE UPDATE)
DT 01-AUG-1998 (TREMBLREL. 07, LAST ANNOTATION UPDATE)
DE APOPTOSIS INDUCING RECEPTOR TRAIL-R2.
GN TRAILR2.
OS HOMO SAPIENS (HUMAN).
OC EUKARYOTA; METAZOA; CHORDATA; VERTEBRATA; TETRAPODA; MAMMALIA;
OC EUTHERIA; PRIMATES.
RN [1]
RP SEQUENCE FROM N.A.
RA WALCZAK H., DEGLI-ESPOSTI M.A., JOHNSON R.S., SMOLAK P.J., WAUGH J.Y.,
RA BOIANI M., TIMOUR M.S., GERHART M.J., SCHOOLEY K.A., SMITH C.A.,
RA GOODWIN R.G., RAUCH C.T.;
RL EMBO J. 16:5386-5397(1997). *Sep.*
DR EMBL; AF016849; G2465586; -.
DR PFAM; PF00020; TNFR_c6.
SQ SEQUENCE 440 AA; 47850 MW; 268DA232 CRC32;

Query Match 89.3%; Score 2653; DB 4; Length 440;
Best Local Similarity 93.4%; Pred. No. 0.00e+00;
Matches 411; Conservative 0; Mismatches 0; Indels 29; Gaps 1;

| | |
|----|--|
| Db | 1 MEQRGQNAPAAPASGARKRHGPGPREARGARPGPRVPKTLVLVVAAVLLLVSaesalitQQD 60 |
| Qy | 1 MEQRGQNAPAAPASGARKRHGPGPREARGARPGPRVPKTLVLVVAAVLLLVSaesalitQQD 60 |
| Db | 61 LAPQQRAAPQQKRSSPSEGCPGHHISEDGRDCISCKYQDYSTHWNDLLFCLRCTRCD 120 |
| Qy | 61 LAPQQRAAPQQKRSSPSEGCPGHHISEDGRDCISCKYQDYSTHWNDLLFCLRCTRCD 120 |
| Db | 121 SGEVELSPCTTRNTVCQCEEGTFREEDSPEMCRKCRTGCPRGMVKGDCTPWSDIECVH 180 |
| Qy | 121 SGEVELSPCTTRNTVCQCEEGTFREEDSPEMCRKCRTGCPRGMVKGDCTPWSDIECVH 180 |
| Db | 181 KESGTKHSGEAPAVEETVTSSPGTPASPCLSGIIIGVTVAAVVLIVAVFVCKSLLWKKV 240 |
| Qy | 181 KESG-----IIIGVTVAAVVLIVAVFVCKSLLWKKV 211 |
| Db | 241 LPYLKGICSGGGGDPERVDRSSQRPGAEDNVLNEIVSILQPTQVPEQEMEVQEPAEPTGV 300 |
| Qy | 212 LPYLKGICSGGGGDPERVDRSSQRPGAEDNVLNEIVSILQPTQVPEQEMEVQEPAEPTGV 271 |
| Db | 301 NMLSPGESEHLLEPAEAERSQRRLLVPANE GDPTELRCQCFFADLVPFDWEPLMRK 360 |
| Qy | 272 NMLSPGESEHLLEPAEAERSQRRLLVPANE GDPTELRCQCFFADLVPFDWEPLMRK 331 |
| Db | 361 LGLMDNEIKVAKAEAAGHRDTLYTMLIKWVNKTGRDASVHTLLDALETGERLAKQKIED 420 |
| Qy | 332 LGLMDNEIKVAKAEAAGHRDTLYTMLIKWVNKTGRDASVHTLLDALETGERLAKQKIED 391 |
| Db | 421 HLLSSGKFMYLEGNADSAMS 440 |
| Qy | 392 HLLSSGKFMYLEGNADSAMS 411 |

L9 ANSWER 2 OF 2 MEDLINE
AN 97459925 MEDLINE
DN 97459925
TI TRAIL-R2: a novel apoptosis-mediating receptor for TRAIL.
AU **Walczak H**; Degli-Esposti M A; Johnson R S; **Smolak P**
J; Waugh J Y; Boiani N; Timour M S; Gerhart M J; Schooley K A;
Smith C A; Goodwin R G; Rauch C T
CS Immunex Corporation, 51 University Street, Seattle, WA 98101, USA.
SO EMBO JOURNAL, (1997 Sep 1) 16 (17) 5386-97.
Journal code: EMB. ISSN: 0261-4189.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS GENBANK-AF016849
EM 199802

RESULT 5
ID 015531 PRELIMINARY; PRT; 440 AA.
AC 015531;
DT 01-JAN-1998 (TREMBLREL. 05, CREATED)
DT 01-JAN-1998 (TREMBLREL. 05, LAST SEQUENCE UPDATE)
DT 01-JUN-1998 (TREMBLREL. 06, LAST ANNOTATION UPDATE)
DE APOPTOSIS INDUCING PROTEIN.
GN TRICK2B.
OS HOMO SAPIENS (HUMAN).
OC EUKARYOTA; METAZOA; CHORDATA; VERTEBRATA; TETRAPODA; MAMMALIA;
OC EUTHERIA; PRIMATES.
RN [1]
RP SEQUENCE FROM N.A.
RA SCREATON G.R., MONGKOLSAPAYA J., XU X., COWPER A.E., MCMICHAEL A.J.,
RA BELL A.J.;
RL CURR. BIOL. 0:0-0(1997). *Supt. 1*
RN [2]
RP SEQUENCE FROM N.A.
RA SCHNEIDER P., BODMER J.-L., THOME M., HOLLER N., HOFMANN K.,
RA TSCHOPP J.;
RL FEBS LETT. 0:0-0(1997).
DR EMBL; AF018658; G2407653; -.
DR EMBL; AF016266; G2529563; -.
DR PFAM; PF00020; TNFR_c6.
SQ SEQUENCE 440 AA; 47894 MW; 8DD4EF03 CRC32;

Query Match 88.7%; Score 2637; DB 4; Length 440;
Best Local Similarity 93.0%; Pred. No. 0.00e+00;
Matches 409; Conservative 0; Mismatches 2; Indels 29; Gaps 1;

Db 1 MEQRGQNAPAASGARKRHGP GP REARGARPG LRVPKTLV VAAVLLVSAESALITQ QD 60
||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 1 MEQRGQNAPAASGARKRHGP GP REARGARPG PRVPKTLV VAAVLLVSAESALITQ QD 60

Db 61 LAPQQ R VAPQQKRSSPSEG LCP PGHH ISEDGRDCISCKY QD YSTHWNDLLFC LRC TRCD 120
||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 61 LAPQQ R AAPQQKRSSPSEG LCP PGHH ISEDGRDCISCKY QD YSTHWNDLLFC LRC TRCD 120

Db 121 SGEVELSPCTTRNTVCQCEEGTFREEDSPEMCRKC RTGC PRGMVKVG DCTP WSDIE CVH 180
||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 121 SGEVELSPCTTRNTVCQCEEGTFREEDSPEMCRKC RTGC PRGMVKVG DCTP WSDIE CVH 180

Db 181 KESGTKHSGEAPAVEETVTSSPGTPASP C SLSGIIIGVTVA AVVLIVAVFVCKSLLWKKV 240
||||| ||||| ||||| ||||| ||||| |||||
Qy 181 KESG----- IIIGVTVA AVVLIVAVFVCKSLLWKKV 211

Db 241 LPYLKGICSGGGDPERVDRSSQRPGAE DNV LNEIVSILQPTQVPEQEMEVQEPAEPTGV 300
||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 212 LPYLKGICSGGGDPERVDRSSQRPGAE DNV LNEIVSILQPTQVPEQEMEVQEPAEPTGV 271

Db 301 NMLSPGESEHLLEPAEAERSQRRLLVPANE GDP TETLRQCFDDFADLVPFD SWEP LMRK 360
||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 272 NMLSPGESEHLLEPAEAERSQRRLLVPANE GDP TETLRQCFDDFADLVPFD SWEP LMRK 331

Db 361 LGLMDNEIKVAKAEAAGHRDTLYTMLIKWVNKTGRDASVHTLLDAETLGERLAKQKIED 420
||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 332 LGLMDNEIKVAKAEAAGHRDTLYTMLIKWVNKTGRDASVHTLLDAETLGERLAKQKIED 391

Db 421 HLLSSGKF MYLEG NADSAMS 440
||||| ||||| |||||
Qy 392 HLLSSGKF MYLEG NADSAMS 411

L12 ANSWER 2 OF 2 MEDLINE
AN 97431692 MEDLINE
DN 97431692
TI TRICK2, a new alternatively spliced receptor that transduces the cytotoxic signal from TRAIL.
AU **Screaton G R; Mongkolsapaya J; Xu X N; Cowper A E; McMichael A J; Bell J I**
CS Molecular Immunology Group Institute of Molecular Medicine John Radcliffe Hospital Oxford, OX3 9DS, UK.
SO CURRENT BIOLOGY, (1997 Sep 1) 7 (9) 693-6.
Journal code: B44. ISSN: 0960-9822.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS GENBANK-AF018657; GENBANK-AF018658
EM 199804

P

RESULT 10
 LOCUS HSU90875 1407 bp mRNA PRI 19-APR-1997
 DEFINITION Human cytotoxic ligand TRAIL receptor mRNA, complete cds.
 ACCESSION U90875
 NID g1945071
 KEYWORDS .
 SOURCE human.
 ORGANISM Homo sapiens
 Eukaryotae; mitochondrial eukaryotes; Metazoa; Chordata;
 Vertebrata; Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
 Homo.
 REFERENCE 1 (bases 1 to 1407)
 AUTHORS Pan,G., O'Rourke,K., Chinnaian,A.M., Gentz,R., Ebner,R., Ni,J. and Dixit,V.M.
 TITLE The receptor for the cytotoxic ligand TRAIL
 JOURNAL Science 276 (5309), 111-113 (1997)
 MEDLINE 97238921
 REFERENCE 2 (bases 1 to 1407)
 AUTHORS Pan,G., O'Rourke,K., Chinnaian,A.M., Gentz,R., Ebner,R., Ni,J. and Dixit,V.M.
 TITLE Direct Submission
 JOURNAL Submitted (25-FEB-1997) Pathology, University of Michigan, 1301 Catherine Road, Ann Arbor, MI 48109, USA
 FEATURES source Location/Qualifiers
 source 1. .1407
 /organism="Homo sapiens"
 /db_xref="taxon:9606"
 CDS 1. .1407
 /function="cell death receptor"
 /codon_start=1
 /product="cytotoxic ligand TRAIL receptor"
 /db_xref="PID:g1945072"
 /translation="MAPPPARVHLGAFLAVTPNGSAASGTEAAAATPSKVWGSSAGR
 IEPRGGGRGALPTSMQHQHGPSARARAGRAPGPRPAREASPRLRVHKTFKFVVVGVLLO
 VVPSSAATIKLHDQSIGTQQWEHSPLGELCPPGSRSERPGACNRCTEGVGYTNASN
 LFACLPCTACKSDEEERSPCTTRNTACQCKPGTFRNDNSAEMCRKCSTGCPRGMVKV
 KDCTPWSDIECVHKESGNHNIWILVVTLLVPLLVAVLIVCCIGSGCGGDPKCMD
 RVCFWRLGLLRGPGAEDNAHNEILSNADSLSTFVSEQMSEQEPADLTGTVQSPGEA
 QCLLGPAEAEGSQRRLLVANGADPTETLMLFFDKFANIVPFDSWDQLMRQLDLTKN
 EIDVVRAGTAGPGDALYAMLMKWVNKTGRNASIHTLLDALERMEERHAKEKIQDLLVD
 SGKFIYLEDGTGSAVSLE"
 BASE COUNT 328 a 355 c 434 g 290 t
 ORIGIN

Query Match 24.3%; Score 388; DB 27; Length 1407;
 Best Local Similarity 70.3%; Pred. No. 0.00e+00;
 Matches 855; Conservative 0; Mismatches 341; Indels 21; Gaps 16;

| | | | |
|----|-----|---|-----|
| Db | 200 | GGGCCCGGGCAGGGCGCGCCCCAGGACCCAGGCCGGCGCGGGAAAGCCAGCCCTCGGCTCC | 259 |
| | | | |
| Qy | 167 | GGGCCCGGAAAGGCACGGCCCAGGACCCAGGGAGGGAGGCCAGGGCTGGGCCCC | 226 |
| | | | |
| Db | 260 | GGGTCCACAAGACCTTCAAGTTGTCGTCGGGTCTGCTGCAGGTCTACCT-AG- | 317 |
| | | | |
| Qy | 227 | GGGTCCCCAAGACCTTGTGCTCGTTGCGCCGGTCTGCTGGTCTCAGCTGAGT | 286 |
| | | | |
| Db | 318 | CTCAGCTG--CAACCATAA-ACATCATGATCAATCA---ATTGGCAC-ACAGCAATGGG | 370 |
| | | | |
| Qy | 287 | CTGCTCTGATCACCCAAAGACCTAGCTCCCCAGCAGAGAGCGGGCCCCACAACAAAAGA | 346 |
| | | | |
| Db | 371 | AACATAGCCCTTGAGAGTTGTGTCCACCAGGATCTCATAGATCAGAACGTCTGGAG | 430 |

Qy 1235 CTGTCCACACCCTGCTGGATGCCTTGGAGACGCTGGAGAGAGACTTGCCAAGCAGAAGA 1294
Db 1331 TTCAGGACCTCTGGTGGACTCTGGAAAGTTCATCTACTTAGAAGATGGCACAGGCTCTG 1390
|| |||||| |||| || |||||||||||| || |||| | ||| |||||
Qy 1295 TTGAGGACCACTTGTTGAGCTCTGGAAAGTTCATGTATCTAGAAGGTAATGCAGACTCTG 1354
Db 1391 CCGTGTCCCTGGAGTGA 1407
|| |||||| | ||||
Qy 1355 CCATGTCCTAACGTGTGA 1371

